

FIG. 1

FIG. 1 is a block diagram of a network system. The system includes a central cloud (22) connected to four terminal sets (24, 26, 28, 30). Each terminal set consists of a monitor, a base unit, and a keyboard. The base units are labeled TC (Terminal Computer) for 24, and TA (Terminal Adapter) for 26, 28, and 30. Inside the cloud 22, there are three identical server configurations. Each configuration consists of a server unit labeled SW (Switch) and a network interface unit labeled NA (Network Adapter). The SW units are labeled 32, and the NA units are labeled 34. The connections between the terminal sets and the cloud, and between the internal components, are shown with lines.

FIG. 2

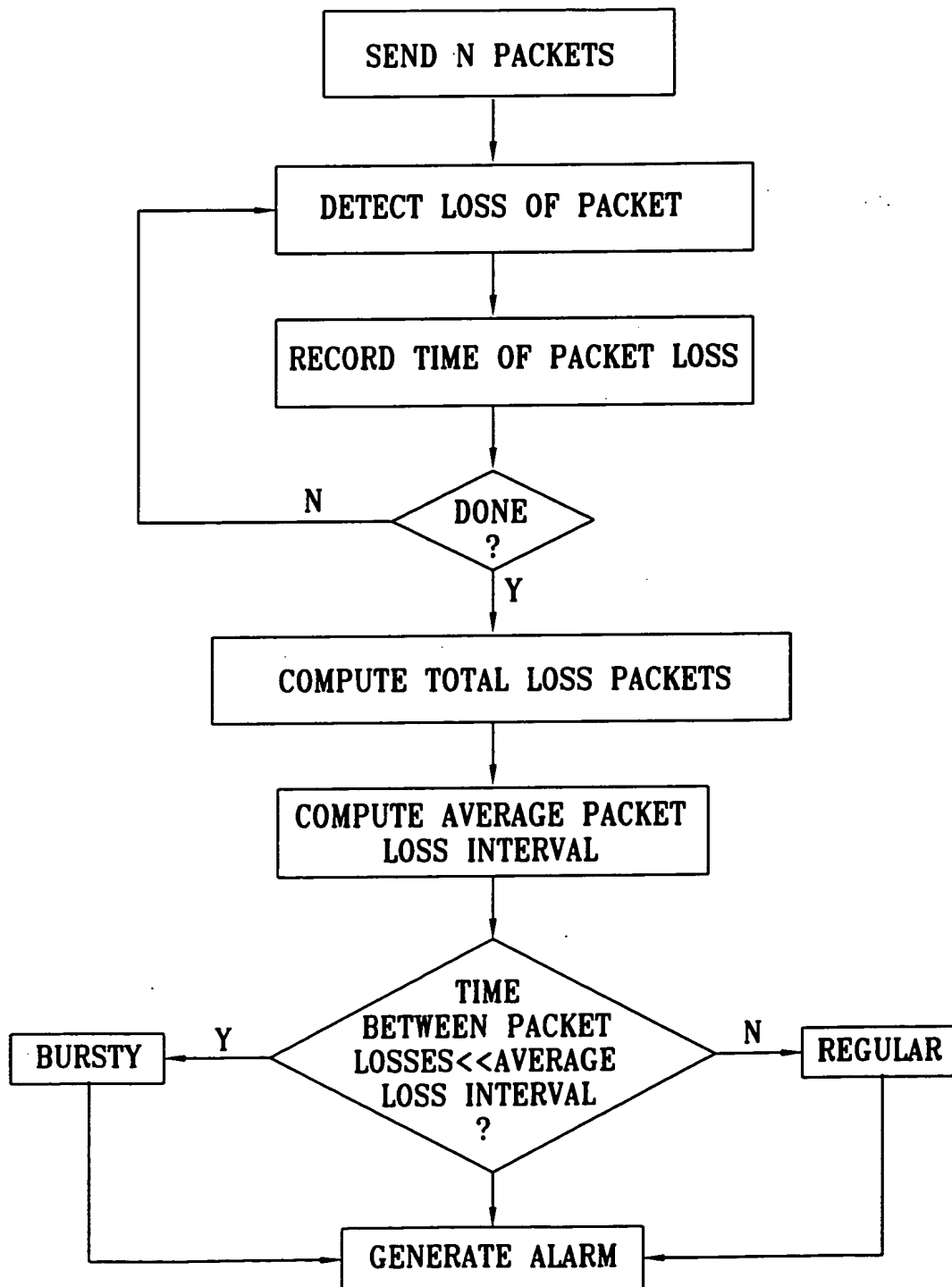


FIG. 3

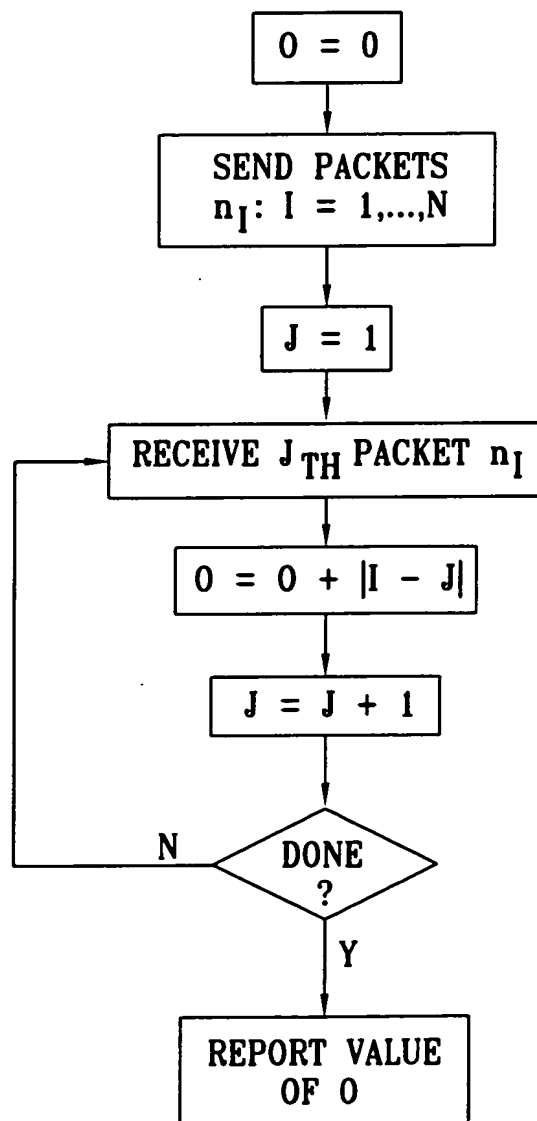


FIG. 4 is a diagram illustrating a sequence of operations involving three entities: TC (Transaction Coordinator), TA (Transaction Agent), and another TA (Transaction Agent).

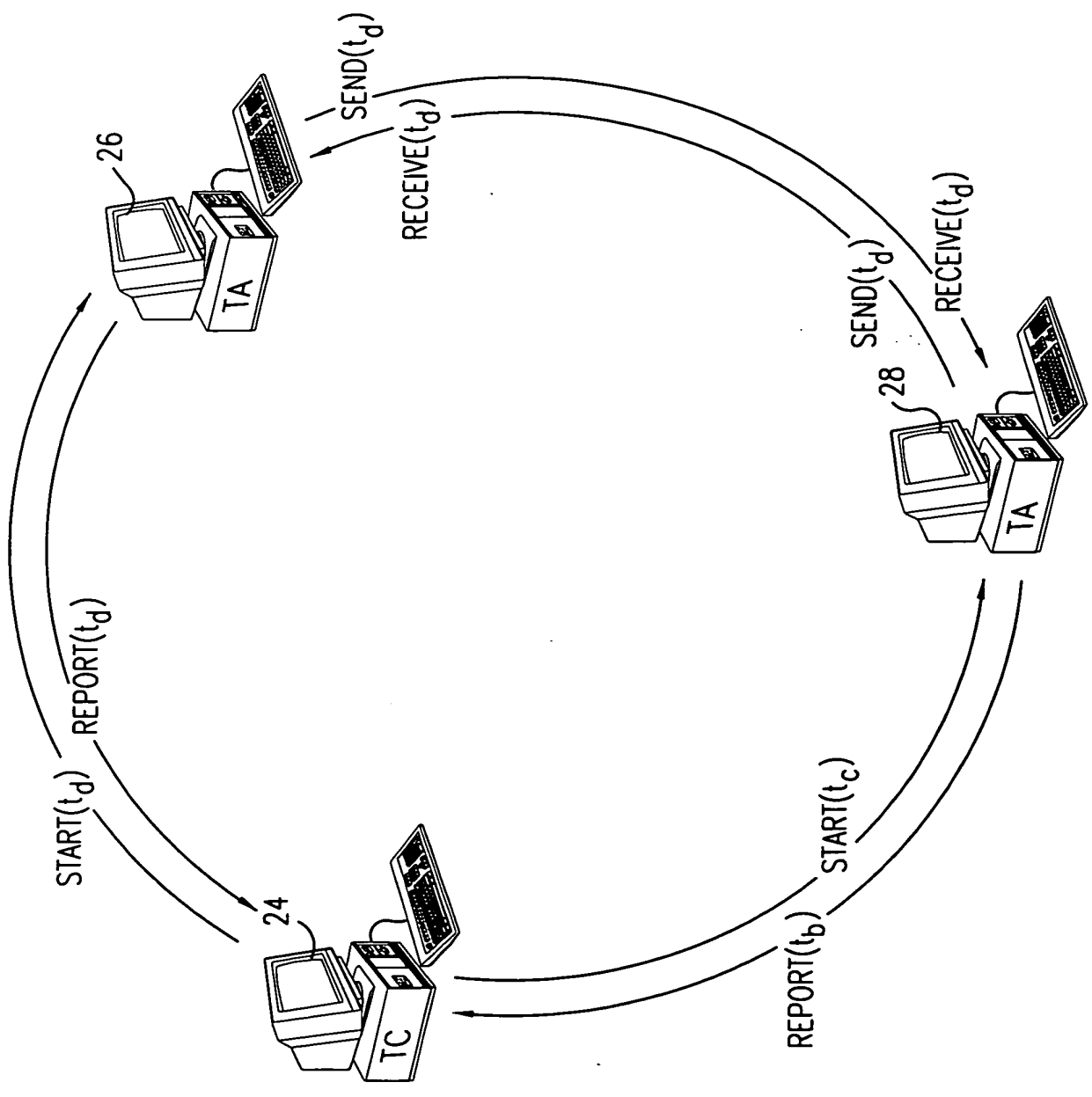


FIG. 4

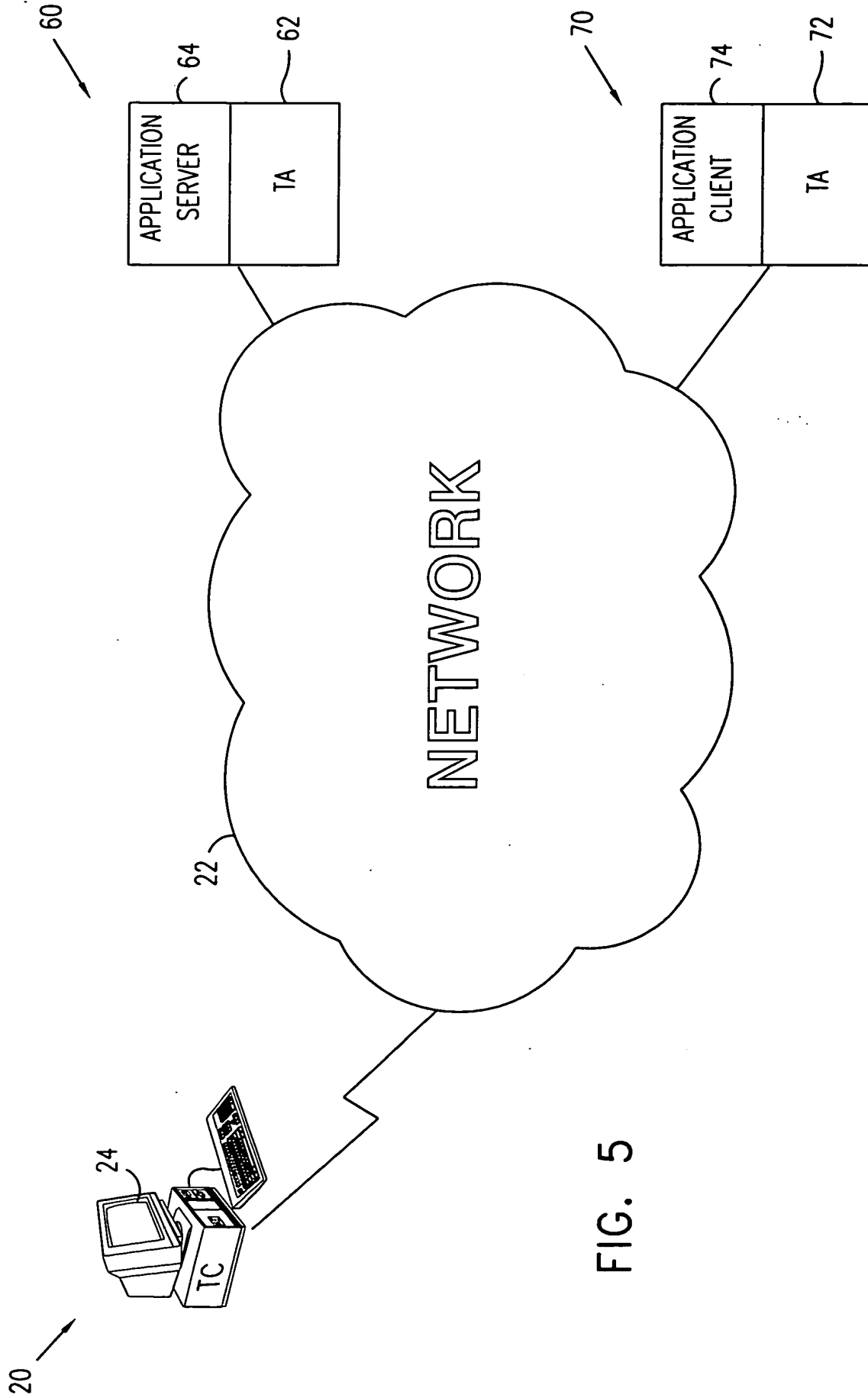


FIG. 5

FIG. 6

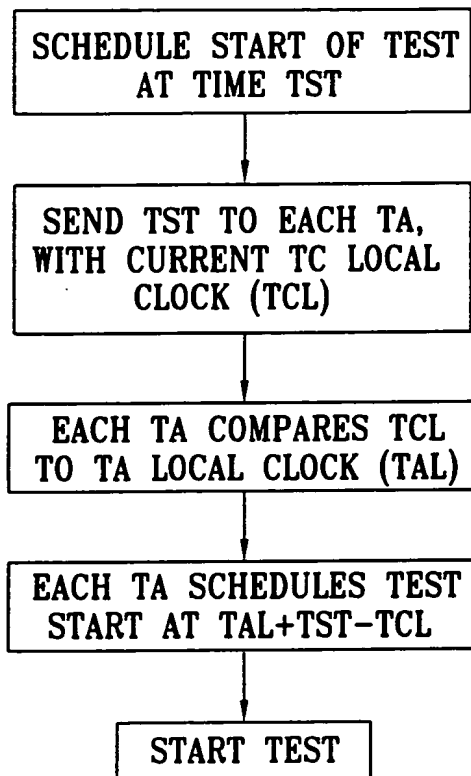


FIG. 7A

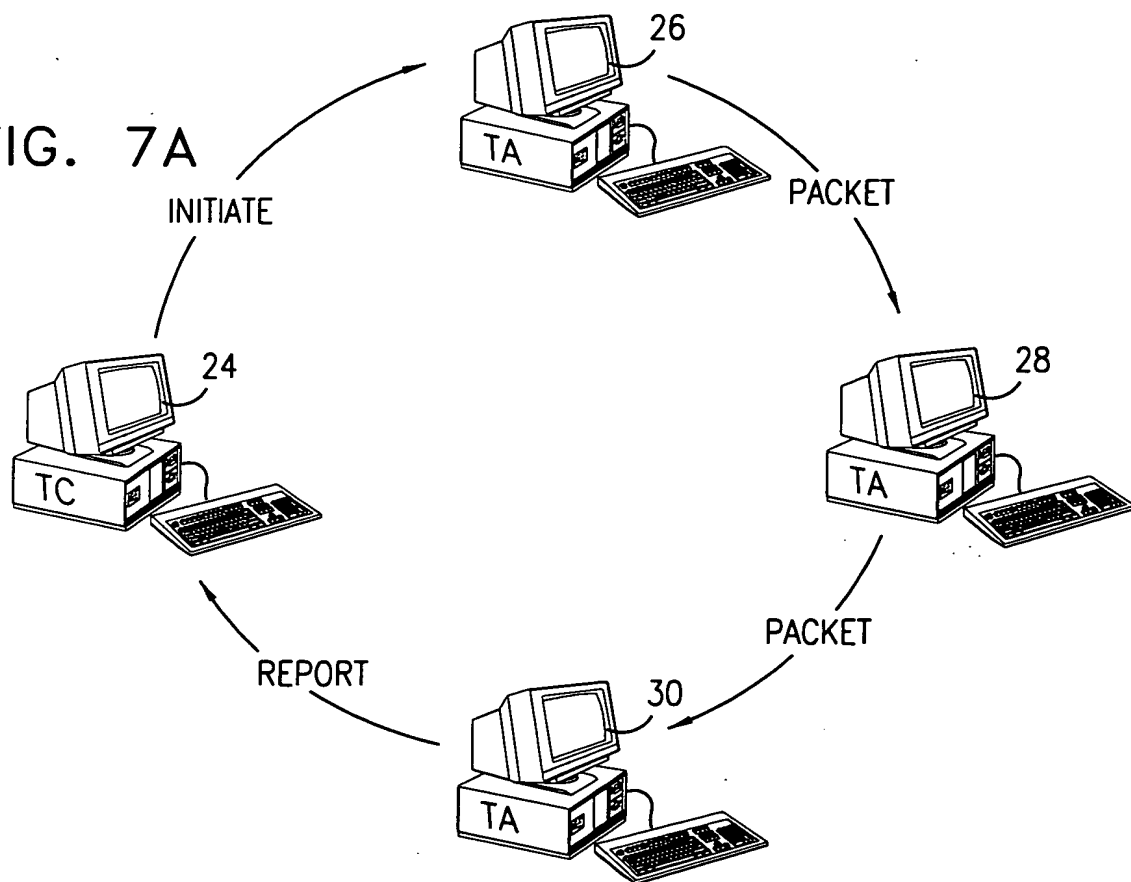


FIG. 7B

